# PROCEEDINGS

OF THE

FIFTH ANNUAL MEETING

OF THE

# POLYTECHNIC SOCIETY of KENTUCKY

April 16, 1883.

## WITH AMENDED CHARTER, BRIEF HISTORY,

**Organization, and Catalogue of Members.**

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LOUISVILLE:
COURIER-JOURNAL JOB PRINTING COMPANY.
1883.

# OFFICERS POLYTECHNIC SOCIETY OF KENTUCKY.

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**PRESIDENT.**

BENNETT H. YOUNG.

**VICE-PRESIDENT.**

NATHAN BLOOM.

**SECRETARY.**

E. A. GRANT.

**TREASURER.**

W. T. GRANT.

**DIRECTORS.**

Term expires April, 1886.

J. A. Broadus.
Geo. H. Moore.
M. F. Coomes.

Term expires April, 1885.

Geo. W. Swearingen.
Edward Wilder.
Dudley S. Reynolds.

Term expires April, 1884.

W. H. McKnight.
Rowan Buchanan.
John H. Leathers.

## EXECUTIVE COUNCIL.

The President, Vice-president, Secretary, Treasurer, nine Directors, and the Governor of Kentucky, constitute the Executive Council, which has "control of the funds, property, estate, and business of the Society."

Miss A. V. Pollard, *Librarian.*
Mr. Fred. Knefler, *Assistant Librarian.*

# STANDING COMMITTEES.

**For 1883–4.**

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### FINANCE.

N. BLOOM, W. T. GRANT. G. W. SWEARINGEN.

### LIBRARY.

D. S. REYNOLDS, W. H. McKNIGHT, J. A. BROADUS.

### CABINET.

E. A. GRANT, J. A. BROADUS, W. T. GRANT.

### PERIODICALS.

W. H. McKNIGHT, M. F. COOMES, E. A. GRANT.

### ACADEMIES AND LECTURES.

M. F. COOMES, G. H. MOORE, R. BUCHANAN.

### MEMBERSHIP.

R. BUCHANAN. G. H. MOORE, E. WILDER.

### AUDITING.

J. H. LEATHERS, W. H. McKNIGHT, G. W. SWEARINGEN.

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### PERMANENT COMMITTEE ON METEOROLOGY.

T. W. TOBIN, E. A. GRANT, J. A. OCTERLONY.

# MEMBERS' PRIVILEGES.

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**ALL MEMBERS ARE ENTITLED:**

To the free use of the circulating library;

To the use of the magazines and periodicals as they are received;

To occupy the alcoves for reading, writing, or the inspection of the library (but not to open the cases or remove any book from them);

To join any academy or class of instruction, or to unite in forming new academies;

To reserved seats at all lectures (but seats are reserved for members only till the time for the lecture to begin);

To introduce a friend, who is not a resident of Louisville, to the alcoves for the purpose of reading or inspection.

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NOTE.—Applications for Membership may be made to any member of the Executive Council. A postal or note directed to the Secretary will receive prompt attention. (See page 10.)

# AMENDED CHARTER OF THE POLYTECHNIC SOCIETY.

## CHAPTER 459.

**An act to amend an act entitled, "An act to incorporate the Polytechnic Society of Kentucky, approved April tenth, eighteen hundred and seventy-eight, and an act amendatory thereto, approved March twenty-seventh, eighteen hundred and eighty.**

SECTION 1. *Be it enacted by the General Assembly of the Commonwealth of Kentucky,* That the Polytechnic Society of Kentucky, incorporated by the General Assembly of the Commonwealth of Kentucky by an act approved April tenth, eighteen hundred and seventy-eight, is and shall forever remain in fact and in law a body corporate by the name and title of "Polytechnic Society of Kentucky," and entitled to all the rights, privileges, and powers appertaining to bodies corporate, and as such may have and use a corporate seal, may sue and be sued, may possess, hold, and acquire by purchase, gift, devise, or other lawful means, property, either real, personal, or mixed, and may sell, lease, or otherwise dispose of any such property in such manner and for such purposes as may be deemed best calculated to carry out the objects of the Society; *provided, however*, that no sale of property exceeding in value one thousand dollars shall be made without the consent of a majority of the members present and voting at a regular meeting of the society, or at a meeting called for the purpose of considering such sale.

SEC. 2. The objects of this society shall be the cultivation and diffusion of knowledge by maintaining a free reference library, a circulating library, and courses of popular lectures, by collecting, preserving, and arranging in its libraries and cabinets whatever may illustrate history, science, and literature, the arts, or other branches of useful knowledge, and especially the history, topography, geology, paleontology, zoology, botany, mineralogy, and the sociology and industries of Kentucky, and by organizing and maintaining, as may

be deemed expedient, academies or classes in science, art, literature, philosophy, and technology.

SEC. 3. This society shall, at all times, be composed of citizens of Kentucky, and no others than citizens of Kentucky shall be qualified for any of its offices, or to vote in its meetings. But non-residents may be elected to fellowship or to honorary membership, and ladies, minors, and non-residents may, under its rules, enjoy a qualified membership, entitling them to its privileges and benefits.

SEC. 4. The officers of this Society shall consist of a President, Vice-president, Secretary, and Treasurer, who shall be elected annually by the society by ballot, and nine Directors, who shall in like manner be elected for a term of three years; *provided*, that three Directors elected at the next annual election shall serve only for the period of one year, three for the period of two years, and three for the full term of three years. The vote shall be taken first for three Directors to serve three years, then for Directors to serve two years, and then Directors whose terms of office shall expire at the next annual meeting of the society, at which time and every year thereafter, three Directors shall be elected for the full term of three years.*

SEC. 5. The President, Vice-president, Secretary, and Treasurer, together with the nine Directors, shall constitute the Executive Council of the Polytechnic Society of Kentucky, which shall have the direction, management, and control of the funds, property, estate, and business of the society, and shall fill any vacancy that may occur in any of its offices until the next annual election. The President, Vice-president, and Secretary of the society shall *ex-officio* be the President, Vice-president, and Secretary of the Executive Council.

SEC. 6. Five members of the Executive Council shall form a quorum for the transaction of ordinary business. Five members of the Executive Council shall form a quorum at any stated, adjourned, or regularly-called meeting, but not less than eight members of said council shall be required to form a quorum at any meeting in which any change in the officers, management, or policy of the society, or any outlay of over one thousand dollars shall be acted upon; *provided*, a lawful quorum shall not be broken or destroyed by the

*At meeting held January 11, 1879, the members of the Polytechnic Society pledged themselves to continue in office for five years the seven gentlemen who would become security to relieve the society from further embarrassment caused by sundry suits then pending in the Louisville Chancery Court. (See Record Book, page 168.)

retirement of any member or members from any such meeting after the business is taken up for action, if five members shall be present.

SEC. 7. The present officers and managers shall constitute the Executive Council until the next annual election.

SEC. 8. The annual meeting of the society for the election of officers shall be held on the third Monday in April of each year, or at such other time as the by-laws may direct.

SEC. 9. Said corporation may, for the purchase and improvement of real estate, or for buildings in which to keep its library, museum, works of art, or other property, or for other purposes in the furtherance of the objects of said corporation, issue its bonds in any sum or sums, at any time maturing, and bearing any rate of interest not greater than seven per cent. per annum, as the Executive Council may determine; and may secure the same by mortgage on its property—real and personal; *provided*, that the gross amount of bonds outstanding, for the payment of which said corporation is liable, shall not, at any time, exceed one hundred and fifty thousand dollars, nor shall any bond issued by said corporation run for any period exceeding thirty years. All bonds issued by authority of this act shall be signed by the President and Secretary of the society, and be attested by its corporate seal, and may be sold and disposed of in any manner or for any price the Executive Council may direct.

SEC. 10. The Executive Council shall define in by-laws the duties of the respective officers, and shall require of each officer whose duty it shall be to handle, or hold, or have charge of any of the property or funds of the society, a bond with sufficient surety to secure the faithful discharge of his duty.

SEC. 11. The Executive Council may enact such by-laws as are deemed necessary to carry out the objects of the society in harmony with the charter.

SEC. 12. That all the property of this corporation—real, personal, and mixed—shall be free from all State and municipal taxation. But said society shall not acquire real estate for speculative purposes, or hold real property exempt from taxation apart from the building and grounds used for the objects named in this charter, and containing its library, museum, and gallery; and in case this charter or corporation shall lapse from nonuser, or other cause, any property that may be owned by the corporation shall escheat to the Commonwealth of Kentucky, and pass under the supervision of the State Librarian.

# POLYTECHNIC SOCIETY OF KENTUCKY.

## BRIEF HISTORY.

On the 9th of December, 1876, twelve gentlemen met for the purpose of discussing the feasibility of "forming a Scientific and Literary Society in the city of Louisville." After a free interchange of opinions, the meeting adjourned to the 16th, when it again assembled and organized the "Polytechnic Society of Kentucky." This name was selected as expressive of the desire of its founders to unite in one society such gentlemen as either taste or profession might prompt to the cultivation of any branch of science, literature, or art.

The society increased in numbers and in interest, and on the 10th of April, 1878, it was incorporated by the Legislature of Kentucky. In May following it became the owner of the library and other property of the "Public Library of Kentucky," and assumed its liabilities, amounting to nearly one hundred thousand dollars. This indebtedness pressed so heavily upon the society that it soon became almost hopelessly embarrassed; suits in chancery impaired its credit; its property was attached; other suits were threatened; and its membership was greatly reduced by the withdrawal of members who saw no hope for its future.

In September, 1878, a petition was filed in the Chancery Court, praying for the appointment of a receiver to take charge of the assets of the society in the interest of its creditors. In December an amended and unanswerable petition was filed. The dissolution of the society seemed imminent, for its most sanguine friends had almost ceased to hope.

On the 11th of January, 1879, a called meeting of the society was held, and after a general discussion of its affairs seven gentlemen offered to assume and pay off the pressing indebtedness and save the property for the society on condition that its management should be intrusted to them for five years.

The proposition was accepted. The officers resigned and these gentlemen were elected to fill the vacancies thus created. They organized by electing the late Rev. Stuart Robinson, D.D., president, to the duties of which office he devoted his matchless ability up to the last day of his eminently useful life.

The floating debt was promptly liquidated, the suits dismissed, a more favorable rate of interest on the bonded debt obtained, the building partially reconstructed and thoroughly repaired, a needed addition built, and a new library-room fitted up. Notwithstanding these manifest assurances of stability and future usefulness, so great was the public distrust that few applied for admission to the society, nor was any effort made to increase the membership. The managers were intent only on establishing the society on a firm basis and increasing its capacity for good.

The library was thoroughly renovated and invoiced, an accession catalogue prepared, and important additions made. The leading scientific, literary, and professional magazines and prominent newspapers from all parts of the country were secured for the use of members, greater facilities were provided for the public in the free reading-room, and the library was opened as a circulating library to members of the society, to responsible resident subscribers, and to visiting strangers who were willing to deposit the value of the book desired and pay a small fee for its use. These important changes caused a gradual increase of membership.

In the fall of 1880, the society inaugurated a course of free, popular, scientific lectures. These lectures illustrated by brilliant experiments, have continued to attract intelligent and appreciative audiences whose numbers have been limited only by the capacity of the hall. Some of these lectures have attracted widespread attention, and have been extensively published both by American and European journals. The steady growth of the society is shown by the following statistics:

At the annual meeting held in April, 1881, the membership had increased to one hundred and thirty-seven.

At the annual meeting of 1882, the total membership reported was four hundred and twenty-four.

At the last annual meeting the total membership was eight hundred and twenty-six.

# OBJECTS—MEMBERSHIP.

The objects of the society are clearly set forth in the second section of its charter.

The membership of the Polytechnic Society is, under the provisions of its charter, confined to citizens of Kentucky; and no others have a voice in controlling its affairs; but residents of other States, ladies, and minors may have a qualified membership which entitles them to all its privileges except a voice in its management. Any respectable person may become a member by being duly elected by the Executive Council, and paying stated dues.

LIFE-MEMBERS are those who, by election and the payment of not less than one hundred dollars, are exempt from the further payment of dues.

ANNUAL MEMBERS pay the sum of five dollars annually from the date of election.

CORRESPONDING MEMBERS are citizens of other States, ladies, and minors who have been duly elected, and pay annual dues of three dollars.

HONORARY MEMBERS are elected by the society in recognition of distinguished merit or services.

"FELLOWS OF THE POLYTECHNIC SOCIETY OF KENTUCKY" are elected by the unanimous vote of the society, after a unanimous nomination by the Executive Council. This is intended to be the society's recognition of the highest scientific, literary, or artistic attainments and personal worth.

## FINANCES.

The revenues of the society are derived from rents of its real estate, from subscriptions from dues of members, from subscriptions of non-members for the use of the circulating library, and from donations.

The income from rents is sufficient for ordinary current expenses, and all dues, subscriptions, and donations are used to increase the library and extend the society's means of usefulness.

## THE LIBRARY

Consists of over thirty-eight thousand volumes, most of which are valuable works. While the collection is by no means as complete and symmetrical as it should be, there are fewer useless books and less "trash" than is usually found in collections equally large. The library is especially rich in

English classics,
Scientific works,
Illustrated art works,
Sets of the older scientific and literary magazines, and
Modern fiction.

In the department of theology, law, and medicine it contains many rare and valuable books.

Arrangements are now made to complete all imperfect sets of books, fill up vacancies, and render the collection more symmetrical.

## PERIODICALS.

It is the policy of the society to keep full files of the more prominent magazines and other periodicals devoted to Science, Literature, Art, Laws, Medicine, Mechanics, Agriculture, the Useful Arts, and also a sufficient number of political journals and newspapers to fully represent all parties and sections.

## SCIENTIFIC DEPARTMENT.

The society has a laboratory well supplied with apparatus both for the investigation and illustration of physical and chemical science.

By the courtesy of the President and Trustees of Bellewood Sem-

inary, to whom it belongs, the society has also control and use of a magnificent collection of instruments made expressly for the Royal Polytechnic Institution of England.

The celebrated "Troost Cabinet" and the almost equally celebrated cabinet of Dr. J. Lawrence Smith, are both the property of the Polytechnic Society of Kentucky.

It has also an interesting and valuable cabinet collected by the late Miss Octavia A. Shreve, a young lady distinguished for her scientific attainments and universally loved for the graces of her mind and heart. This is known as the "Shreve Memorial Cabinet."

It has also a valuable collection presented by various parties illustrating History, Archeology, Ethnology, and the various branches of Natural History.

Whenever the funds of the society shall be sufficient to properly arrange this entire collection, the society will have a cabinet of priceless value, which will be a rallying point for students and lovers of science.

## ART DEPARTMENT.

The society has as yet no art collection worthy of note, but it is the fortunate possessor of an original

"HEBE," BY CANOVA,

a statue than which few, if any, more valuable can be found in America; and

A copy, by Joel T. Hart, of the celebrated

"VENUS DE MEDICI."

It has also a few portraits of historic value, and some pictures not without artistic merit.

# FIFTH ANNUAL MEETING.

ACADEMY ROOM, POLYTECHNIC SOCIETY OF KENTUCKY,
LOUISVILLE, KY., *April* 15, 1883.

The Polytechnic Society convened in compliance with the provisions of its charter for the election of officers—Colonel Bennett H. Young, President, in the chair.

The minutes of the last meeting were read and approved.

The President presented and read his Annual Report, as follows:

## PRESIDENT'S REPORT.

You have again, gentlemen of the Polytechnic Society, assembled to hear an account of the work during the past year.

The reports in detail of the chairmen of the various committees present to you in the fullest manner all the facts which are essential to a perfect knowledge of the year's operations, and they will show a most encouraging state of affairs. Few societies or corporations that are inaugurated ever fulfill the expectations of their founders, but the Polytechnic Society, as re-organized and vitalized, presents this remarkable anomaly of having achieved a permanent success which surpasses the expectations of its friends and benefactors.

Emerging but a few years since from a state of bankruptcy and ruin, with debts overhanging it which threatened its total destruction, distrusted and misunderstood by the public, has gone on, year after year, doing its grand and noble work, silently and successfully, and in such a manner as to command the admiration and commendation of every citizen of Louisville.

Had the founders of this society four years ago predicted such a success as we are here to-night to record, their prophecies would have been received with ridicule, and their pretensions mocked. But energy, faith, and perseverance have brought forth the most matured fruit, and the people of Louisville have the satisfaction of knowing that, established in their midst is a literary and scientific institution which has no superior on this continent.

Great as may be the influence of Cooper Institute in the city of New York, useful as all its schools and departments may have demonstrated themselves, however great its mission and splendid its results comparatively, it has not the influence in New York city that this society has in Louisville. Nor has it relatively

accomplished a greater or more wonderful work. Recent reports concerning its income show that it is only about twice as much as the Polytechnic Society.

These things can not fail to be to you a source of gratification. They exhibit fully what can be accomplished even in Louisville, an inland city, when a few earnest, determined men, such as the members of this corporation, band themselves together for the accomplishment of any object which has in view the elevation and culture of their fellow-citizens.

You will observe by the reports that your finances have been most admirably managed; that your bonded debt has been decreased $10,000; that the society has lived within its income; and by the arrangements now perfected its interest account reduced $300 per annum. The credit of the institution is first-class; its bills are all promptly met, and its financial standing as good as that of any corporation in the city.

But while its pecuniary matters have been carefully looked after, the objects for which this society was founded have been most assiduously cultivated. The library has been enlarged, the facilities for instruction have been increased, and a new and costly apparatus has been added, until your collection stands second to none. Your cabinets have been multiplied and enriched with the choicest treasures, and are in themselves an advertisement wherever scientific knowledge has come, and, strange to say, they are better known out of Louisville than in it.

The lecturer of the society has been honored with invitations in every part of the country. Chicago, New Orleans, St. Louis, and other cities have asked for his services.

Discoveries made within the halls of this building have electrified and astonished the scientific world, and I think that I may tell you, without fear of contradiction, that no one institution has done more to make known the city of Louisville than this one which your liberality has founded. It is doing more to-day to stimulate thought in this city and in the sections contiguous to Louisville than all the schools or colleges in the Commonwealth of Kentucky. This is not said with any desire to discredit the spendid colleges and universities of our State, or the services of their faculties; but by the peculiar conditions surrounding this society, it has been enabled to do these things which originate and develop scientific truth.

You well remember three years since when a popular course of scientific lectures was first discussed as one of the features of this society, that it was with great difficulty enough encouragement could be had to make the experiment; and yet see what has been accomplished under the auspices of this institution. Twice every week hundreds of our young men and women gather in these halls to listen to your teacher of science. The instructors in our schools have become enthused with the spirit, and have sought for special classes to meet their particular wants.

Who would have believed that in the city of Louisville every Friday afternoon one hundred and fifty ladies could be found who were sufficiently inter-

ested in the exposition of scientific truth to come with their note-books, and, by profound attention and earnest study manifest their enthusiasm in the work?

Who would have believed that popular scientific lectures could be delivered every Monday evening in the city of Louisville, from which hundreds of people were compelled to turn away, because there was no room to accommodate them?

Who would have believed three years since that this splendid library-room, accommodating five hundred people, would be found insufficient for the demands which were made by your people for attendance? Nor can I express the profound gratification which your Board of Directors feel in informing the public that this demand has become so great for space that they have been compelled to secure the Opera-house, with its seating capacity for one thousand five hundred people, in which to deliver the next course of lectures.

What we have done, gentlemen, is but an earnest of what we can accomplish. Louisville's inland position is no barrier to the success of this scientific work, if properly fostered by our citizens. There is no limit to the influence and usefulness of this institution, except that which is put upon it by the people of this city.

During the coming season, when the Opera House shall be occupied every Monday night by Professor Tobin for delivering his lectures, if this same public zeal and interest shall continue, Louisville will present an exception among the cities of this country. And so far as comes within my knowledge, no city in America has made such a successful experiment in public teaching; and no similar institution in America can boast of any results which approximate those we have obtained here.

These words may appear somewhat extravagant, and, indeed, boastful, but they are all justified by the facts in the case. And it must be profoundly gratifying to you, as members of this society, to pause amid the hurry of business once in a year at our annual meeting and listen to what your efforts have accomplished.

Elected as I am by the society itself, and without any dependence for the position which I hold upon the Board of Directors, I feel free to say a few generous words concerning them.

They are all men of large business or close professional engagements. Your Vice-president is the head of one of the largest wholesale dry-goods houses in the southwestern country. And among such names as those of Swearingen, Wilder, Reynolds, W. T. Grant, Leathers, E. A. Grant, Coomes, Buchanan, Broadus, McKnight, George H. Moore, are recognized names, identified with the most active and engrossing concerns of Louisville, yet without reward other than the consciousness of doing good, they have watched over the interests of this society; they have guided its destinies, and they deserve at your hands all that is generous and kind. Each one in his sphere has discharged his duty well, and to their co-operation and wonderful unanimity of purpose is to be attributed the results which I have briefly summarized.

It has been one of the especial aims of your Executive Council to put this institution forward as the representative of Louisville scientific development upon such occasions as justified this peculiar work; that in the reception of learned bodies, either assembling in Louisville or visiting it, no opportunity n eft unimproved to accord to such visitors those courtesies and attentions which were due. In the exhibition of your cabinets, your apparatus, and your beautiful books a most pleasing impression has been left upon those who came to Louisville, and who most certainly felt the influence of such contact.

Nor has the society failed to make preparation for performing its part in making the Southern Exposition the most attractive and successful exhibit which has marked this section of our country.

Under proper conditions it has offered, in a hall erected for that purpose, to have daily lectures delivered, illustrating the natural and manufactured products of the South, showing all the various changes, by the application of the microscope, which occur in cotton, from its seed to the most beautiful fabric; in cereals, from their germination to their preparation as food for the table; in coal and iron, from the mine to the completed product.

The society has suggested that, while these lectures shall be under the general direction of Professor Tobin, other scientists whose special labors in agricultural or mechanical branches have rendered them competent for such work at stated periods be invited to take part in the course. Such a novel, unique, and instructive plan can not fail to attract attention and do much to disseminate useful knowledge and be conducive to that degree of success in the coming Exposition which will equal the expectation of our own citizens and those of other States who feel an especial pride in Louisville's greatest undertaking.

With increased membership of ninety-five per cent, with a reduction of the debt to the amount of ten thousand dollars; with a saving in interest of three hundred dollars; with an increased income equal to the increased strain which has marked the current year; with new schools, new lectures, an attendance limited only by the accommodations furnished; with splendid success of the lecture course for ladies and with the addition of the Opera House as a lecture hall; with new cabinets, new apparatus, and most successful operation in every department, the council return to your hands the trust you reposed in their keeping a year since.

The public must not rest satisfied with the work already done. A thousand new members would add a tremendous impetus to this work, and I appeal to you as members of this society, as I appeal to every public-spirited man in Louisville, to give his active co-operation and support to maintain an institution which has under adverse circumstances accomplished so much, and which by a moderate degree of enlarged liberality can make Louisville a scientific, literary, and mechanical center. To your laborious, earnest, faithful, and far-seeing Secretary, Dr. E. A. Grant, much of the year's success in membership and some other respects is due. Of Professor Tobin I need not speak. His

zeal, enthusiasm, and knowledge are no mean part of our treasure. Nor would I be just to myself or you of I did not tell what this society owes to the self-denying, unceasing labors if your Librarian, Miss A. V. Pollard. With her beautiful, womanly modesty she will doubtless feel that I have wronged her in mentioning her name in public; but, gentlemen, to the quiet, learned, careful, economic, and vigilant little woman, who sits here day by day and watches over the library and expenditures of the corporation, this membership owes a debt money can not pay.

Again congratulating you upon the year's work, which, so far as I know, is not marked by a single failure or disappointment, the council will now submit for your consideration the detailed reports of the chairmen of the various committees, which will give in detail all that has been done since the last annual meeting:

The report was received with hearty expressions of approval, and ordered to be filed.

The Treasurer and the Finance Committee and Auditing Committee reported as follows:

## TREASURER'S REPORT FOR THE YEAR ENDING APRIL 7, 1883.

### RECEIPTS.

| | |
|---|---|
| Membership, | $2,972 46 |
| Hall rent, | 3,375 00 |
| Store rents, | 5,952 01 |
| Subscriptions, fines, etc., | 486 20 |
| Total, | 12,785 67 |
| Cash balance from last year, | 949 82 |
| Grand total, | 13,735 49 |

### DISBURSEMENTS.

| | |
|---|---|
| Salaries, | $3,445 00 |
| Gas, | 567 80 |
| Repairs, | 959 12 |
| Expense account, | 1,131 43 |
| Furnishings, | 586 49 |
| Laboratory and lectures, | 199 61 |
| Books, | 1,501 55 |
| Insurance, | 1,590 00 |
| Interest, | 2,689 46 |
| Total, | 12,670 46 |
| Cash on hand, | 1,065 03 |
| Grand total, | 13,735 49 |

## FINANCE COMMITTEE REPORT.

The Finance Committee have pleasure in stating that the bonded debt of the society has been reduced ten thousand dollars during the year; and further, that by favorable arrangement with the owners of our bonds our interest account for the next year will be three hundred dollars less than that paid last year.

NATHAN BLOOM, *Chairman Finance Committee.*

## REPORT OF AUDITING COMMITTEE.

This is to certify that I have examined the Treasurer's books and vouchers for the year ending April 14, 1883, and find the same to be correct.

JOHN H. LEATHERS, *Chairman Auditing Committee.*

These reports were approved and ordered to be filed.

The Secretary's report was then read as follows:

## SECRETARY'S REPORT.

LOUISVILLE, KY., April 16, 1883.

*To the Officers and Members of the Polytechnic Society of Kentucky:*

GENTLEMEN—It is a source of great pleasure that your Secretary is able to report that the past year of your society has been marked with continued prosperity and success. It has steadily increased its membership, extended its reputation, and vastly enlarged its usefulness.

At your last meeting your Secretary reported:

| | |
|---|---|
| Life members, | 11 |
| Honorary members, | 3 |
| Annual members, | 344 |
| Corresponding members, | 65 |
| Total membership, | 423 |

During the last year there have been added:

| | | |
|---|---|---|
| Life members, | 13 | |
| Annual members, | 288 | |
| Corresponding members, | 123 | |
| Making a gross increase of | | 424 |

From this deduct:

| | | |
|---|---|---|
| Annual members changed to life members, | 4 | |
| Resigned or lapsed membership, | 15 | |
| Died, | 2 | 21 |
| Leaving a net increase of membership of | | 403 |

or more than ninety-five per cent. increase during the year.

The total membership at this date, is 826, of which 64 memberships and 23 corresponding memberships are in abeyance for non-payment of dues, leaving a net active membership of but 729.

Since the last meeting the following persons have become life members of the society by election and the payment of $100, life-membership fee, viz: John T. Moore, John Caperton, Dr. W. B. Caldwell, George H. Moore, Nathan Hofheimer, T. H. Sherley, W. C. Hall, James Speed, E. D. Standiford, G. W. Norton, Russell Houston, Theodore Harris, L. L. Warren.

With unfeigned sorrow your Secretary reports the death of two honored members of the society. Maj. Phillip Speed and Dr. Wm. H. Goddard, both old, prominent, and useful citizens of Louisville, who enjoyed the confidence and respect of the entire community, have passed away. That, out of a membership of 826 but two have died during the year, is a fact of worthy and grateful mention.

While the prosperity and success of the Polytechnic Society has been such as to call forth hearty congratulations, the society is abundantly capable of rising to a higher and grander plane of usefulness, till it shall rank among the world's great institutions of learning and become the crowning glory of our city and State. By a united, energetic effort on the part of its friends its membership might be increased fourfold, and within a single year its usefulness might be immeasurably enhanced.

Your Secretary but voices the wishes of many of the best citizens of Louisville by again calling your attention to an existing necessity for some properly organized plan, by means of which apprentices and other young people desirous of special instructions, that they may become better artisans or more useful men and women, may be taught mechanical drawing, the elements of physical science and of art, as applied to various industrial pursuits. These and other branches of knowledge are imperatively demanded to furnish such skilled artisans as will meet the requirements of modern manufacturing industries. It will require but little thought and less argument to convince any intelligent person that without such means of instruction our city is not abreast of the spirit of the age and can not maintain a prominent position as a manufacturing city. A spirit of genuine beneficence and an enlightened self-interest alike require the establishment in the near future of such schools of instruction as are above indicated.

An Art Gallery and a School of Technology are among the easy possibilities of your society. An Academy of Music of a high order is widely demanded, and by proper effort could be efficiently and economically organized in connection with the Polytechnic Society.

By united effort on the part of men of such character and standing as compose the membership of the Polytechnic Society, all these schemes of usefulness can be speedily realized. True, it will require work. Good wishes and hearty approval have buried many a noble enterprise that action would have made a glorious reality, and rendered its promoters illustrious among the world's benefactors.

Your Secretary bespeaks the earnest, active co-operation of every member of the society, that these grand possibilities of the Polytechnic Society may be realized. Respectfully submitted,

E. A. GRANT, *Secretary.*

The various standing committees reported as follows:

## REPORT OF THE LIBRARY COMMITTEE.

MR. PRESIDENT: The Library Committee is pleased to report that during the past year all requests for books by members and subscribers have been promptly met, except in a few instances rare works were desired which your committee could not procure. The patronage has steadily increased, and the committee has been obliged to close the Library on the evenings devoted to public lectures, on account of the large audiences in attendance.

There has been an increase of 12,034 visitors over the preceding year. During the year, the library was visited by 11,793 ladies, and 28,296 gentlemen; total, 40,089.

| | |
|---|---|
| No. of Books issued in Public Reading-room, | 20,986 |
| No. of Books issued to members and subscribers, | 11,043 |
| Total, | 32,029 |

CLASSES OF BOOKS.

| | |
|---|---|
| Bound Magazines, | 1,026 |
| History, Travel, and Adventure, | 3,193 |
| Art, Drama, and Poetry, | 1,330 |
| Science, | 520 |
| Literature, Philosophy, and Education, | 504 |
| Medicine, | 116 |
| Religion, | 235 |
| Fiction, | 21,775 |
| Books of Reference, | 1,158 |
| Miscellaneous, | 1,887 |
| Total, | 32,029 |

Certificates issued, 167.

Thanks are due the Hon. Albert S. Willis, for sixty volumes of valuable Congressional and other Government Reports; to Mr. George H. Moore, for five volumes of new and valuable scientific matter; to Dr. W. M. Fuqua, of Hopkinsville, Mr. George S. Davis, of Detroit, Col. George Baber, Mr. Charles Merriwether, Mr. S. M. Duncan, Mr. G. M. Doom, Mr. H. B. Grant, Mr. Jos. Stringham, Prof. T. W. Tobin, and Mr. Charles Emerson, each for valuable additions to the Library.

The additions to the Library have been, by donation, 75 volumes; by purchase, 627 volumes; by binding current periodicals, 186 volumes; making a total of 888. Number of volumes in library at last report, 37,238; number added during the year, 888; making a total now in the library of 38,126.

The value of our collection may be estimated by the comparatively small demand for any increase, excepting the most recent publications.

By the Committee.

DUDLEY S. REYNOLDS,
ROWAN BUCHANAN,
W. H. MCKNIGHT.

## REPORT OF THE COMMITTEE ON CABINETS.

*To the Officers and Members of the Polytechnic Society of Kentucky:*

Your Committee on Cabinets begs leave to report that since your last annual meeting your cabinets of physical apparatus have been somewhat enlarged by purchase, and have been again enriched by donations of valuable apparatus, by our distinguished townsman Dr. J. Lawrence Smith, a Fellow of the Society. These cabinets are in excellent order and the apparatus is constantly being improved in value by the skillful labors of Professor Tobin.

The interesting collection presented to the society and known as the "Octavia A. Shreve Memorial Cabinet," has been placed in cases, and it will be still further enriched by collections now being made by the friends of Miss Shreve.

It is greatly to be regretted that the income of the society is not sufficient, after meeting other and more pressing demands, to warrant the necessary expense of arranging and recataloguing the priceless cabinets of minerals so widely known among men of science as the "Troost Cabinet," and the "J. Lawrence Smith Cabinet," both of which are now the property of the society. It has been hoped that Professor Tobin would be able to gradually complete this work which he began two years ago, but his manifold other duties and his impaired health will hardly permit him again to engage in this interesting and important undertaking.

It is hoped that some plan will be devised by which these valuable cabinets will be made available for satisfactory exhibition and intelligent study.

Respectfully submitted.

E. A. GRANT,
EDWARD WILDER,
JNO. A. BROADUS.

## REPORT OF COMMITTEE ON PERIODICALS.

The Committee on Periodicals beg leave to make the following report:

In the opinion of your committee this department of the Polytechnic Society's Library is one of its most interesting and valuable features. While it is not so extensive as in older libraries, it contains many of the choicest and best

publications, both foreign and American, devoted to science, art, and literature, embracing the law, medicine, education, history, painting, poetry, sculpture, architecture, chemistry, and agriculture; and its newspapers contain the daily record of the world's history.

The privileges of the periodical department are extended to all members and corresponding members of the Polytechnic Society, and in the estimation of your committee these privileges alone are worth far more than the cost of membership, leaving out of consideration the many other advantages which the Polytechnic Society confers upon its members and the general public. Notwithstanding the Society's unparalleled growth in membership during the year just closed, it is hoped by calling special attention to the treasures contained in the periodical department, a new interest may be excited that will materially aid in maintaining an equal if not larger percentage of increase for the coming year. It costs to become a member of the Polytechnic Society but five dollars per year; to become a corresponding member (the title under which ladies and minors over fifteen years of age are admitted) costs only three dollars per year. Each of these sums is so small that there should be few indeed who could afford to deprive themselves of advantages so easily and cheaply obtained. Here may be found the freshest thoughts, warm from the brain of the best thinkers and writers, upon almost every subject of possible human interest, condensed and in a more accessible form for people who have small leisure for reading, than if diffused through the ponderous volumes of a large library.

The number of foreign magazines and reviews regularly received is twenty; American, of all classes, fifty-six; total, seventy-six. These, when bound, make a yearly addition to the library proper of one hundred and twenty volumes.

As this is to be the year of a great Southern Exposition which promises to be national in its scope and importance, attracting visitors from every State and Territory of the Union, it is suggested that if our finances will permit, the subscription list of newspapers should be enlarged during the time of the Exposition, so as to embrace representative papers from every city and town of any note in our whole country. This would make the library an attractive point of interest to all visitors from abroad, who would gladly avail themselves of the opportunity to obtain the local news from home, during their stay in the city.

All of which is respectfully submitted.

W. H. McKnight,
M. F. Coomes,
E. A. Grant.

## KEPORT ON ACADEMIES AND LECTURES.

*Mr. President and Gentlemen of the Society:*

The committee on Academies and Lectures respectfully submits a report for the year ending April 7, 1883.

### Monday Night Lectures.

The Monday night popular lectures which have become one of the most valuable and attractive features of the society's public work, were seriously interfered with during the past year by illness of Professor Tobin, whose feeble health would only admit of his delivering six lectures in the course beginning in October, 1882. The attendance at these lectures, which was always as large as the hall would permit, attests the public appreciation of the popular exposition of scientific subjects, and is a gratifying indorsement of the society's efforts in this direction. During the indisposition of the society's regular lecturer your committee invited other gentlemen to address the public under the auspices of the society. In response to these invitations lectures were delivered as follows: One by Dr. Richard H. Collins, on the "History of Kentucky;" two by Harry Clay, Esq., of the Louisville bar, on "Arctic Exploration;" one by Professor H. S. Nichols, of Central University, Richmond, Ky., on "Soap-bubbles;" two by Col. R. T. Durrett, on the "History of Ancient Louisville;" and one by Sergeant Dey, of the U. S. Signal Service, on the "Mysteries and Mechanism of the Signal Service."

### Afternoon Science Lectures.

These lectures are expressly intended for lady members of the society and female pupils attending private schools in the city. The fall course of lectures began October 6, 1882, and was nearly completed when Professor Tobin's indisposition compelling him to desist from lecturing, Miss Kate Palmer kindly took his place, and very acceptably finished the course. The spring course of these lectures is now in progress with an attendance as large as the hall will permit. It is with pleasure that your committee directs attention to the large number of young ladies seeking scientific knowledge through the medium of these lectures. It speaks well for the sex and at the same time shows that the instruction given is appreciated, and that a popular want is supplied by the lectures.

### The Society's Guests.

A cherished policy of the Polytechnic Society is the extension of its hospitality on suitable occasions to associations of a literary, scientific, or commercial character. In accordance therewith, during the past year invitations were extended to the Kentucky Millers' Association, the Kentucky Dental Association, the faculty and students of Asbury University, of Indiana, and the Underwriters' Association of the Northwest, tendering the respective bodies a reception in the rooms of the Society. The Millers' Association accepting the invitation, were entertained on the evening of May 4, 1882. One of the features of the occasion was a lecture by Professor Tobin on "Flour and Mill Explosions," accompanied by brilliant experiments illustrative of the subject, which greatly interested our visitors, and has since been extensively published in scientific and commercial journals throughout the United States and Europe.

The State Dental Association, accepting the Society's invitation, held its annual session in June, 1882, in the Society's building, and by resolution made this its permanant place of meeting.

The Underwriters' Association of the Northwest being unable to visit us by reason of a provision of its constitution making Chicago its permanent place of meeting, very urgently invited the Society to send a delegation to its meeting in Chicago, in September last. The invitation was accepted and a number of officers and members of the Society were very agreeably entertained at the convention. Professor Tobin by special request delivered a lecture on "Explosive and Dangerous Dusts," which was very favorably received.

In response to our invitation the distinguished Professor Ridpath, of Asbury University, accompanied by the senior class of that institution, became the guests of the Society on the evening of November 24, 1882, and in compliance with a very widely expressed desire to hear him, Professor Ridpath delivered a lecture during the evening on "The Age of Integration," which was highly entertaining and instructive."

## Academies.

Of the several academies organized under the rules of the Society, but two are sustained with the zeal and interest they deserve. The Academy of Art has an active membership, and prosecutes its work with fidelity. Under its auspices a drawing class was instituted November 1, 1882, which continues in successful operation under the tuition of Mr. E. C. Boyd, and gives promise of much usefulness in the future. The Academy of Debate is in a flourishing condition, and holds public sessions twice per month, which are attended by large and appreciative audiences.

In conclusion, your Committee wishes to express its hope, that during the coming year the members of the several academies will devote more time and effort than heretofore to the development of these minor associations, believing as it does that they are the appropriate instrumentalities for the upbuilding of the parent institution. As any five members of the Polytechnic Society can unite and form an academy for the prosecution of any line of study or investigation they desire, it is apparent that such academies are suitable agencies for the acquisition of special knowledge. Having the privilege of meeting in the rooms of the Society, convenient to its large library of works of reference, and its fine collection of periodicals, the opportunities thereby afforded of facilitating study and research, should certainly stimulate members seeking literary, scientific, or other special culture, to avail themselves of the academy organization to better effect their respective objects.

M. F. Coomes,
Rowan Buchanan,
G. H. Moore.

On motion of Mr. John E. Green, the several reports read together with the proceedings of this meeting were ordered to be published in pamphlet form for general distribution.

The President announced the next business in order would be the election of officers for the ensuing year, and three directors to serve three years.

Col. Bennett H. Young was nominated for re-election as President, whereupon he called Vice-president Bloom to the chair and retired from the room. No other nomination was made, and it was moved that the nomination be closed and the Secretary be instructed to cast a ballot for Col. Young for President. The motion was unanimously carried and Col. Young was duly elected by the deposit of one ballot.

The President was recalled, and on assuming the chair called for nominations for Vice-president. Nathan Bloom, Esq., was nominated for re-election. By a unanimous vote the nominations were closed, and the Secretary directed to cast one ballot for Mr. Bloom, whereupon he was declared duly elected Vice-president for the ensuing year.

Dr. E. A. Grant was nominated for Secretary. By unanimous vote nominations were closed, the Treasurer directed to cast one ballot, and Dr. Grant was declared duly elected.

W. T. Grant, Esq., was nominated for Treasurer. By unanimous vote Mr. Grant was duly elected by the deposit of one ballot by the Secretary.

Rev. J. A. Broadus, D.D., Dr. M. F. Coomes, and George H. Moore, Esq., were nominated for Directors for the ensuing term. No other nominations were made and Messrs. Broadus, Coomes, and Moore were duly elected by the deposit of one ballot for each.

Moved by George H. Moore, seconded by Hon. Laf. Joseph, that every member of the Polytechnic Society be requested to make an earnest personal effort to increase the membership of the Society. The motion was unanimously carried.

After some congratulatory remarks by the members the meeting adjourned.

BENNETT H. YOUNG,
*President.*

E. A. GRANT,
*Secretary.*

# MEMBERS OF THE POLYTECHNIC SOCIETY OF KENTUCKY.

(See page 10.)

## FELLOW.

Dr. J. Lawrence Smith.

## LIFE-MEMBERS.

Bennett H. Young,
Nathan Bloom,
Dr. J. Lawrence Smith,
H. Victor Newcomb,
Walter N. Haldeman,
Isaac Caldwell,
Chas. J. Clarke,
L. Bamberger,
B. F. Avery,
Graham Wilder,
Charles D. Jacob,
John T. Moore,
John Caperton,
Dr. W. B. Caldwell,
George H. Moore,
Nathan Hofheimer,
Thomas H. Sherley,
William C. Hall,
James Speed,
E. D. Standiford,
G. W. Norton,
Russell Houston,
Theodore Harris,
L. L. Warren,
John E. Green,
A. G. Fonda,
Garvin Bell,
R. T. Durrett.

## HONORARY MEMBERS.

Wm. T. Knott,
Richard Collins.
Archibald A. Anderson.

## ANNUAL MEMBERS.

### A.

Ainslie, Jas.
Anderson, W. G.
Anderson, F. O.
Avery, Geo.
Armstrong, J. T.
Allison, Geo. S.
Avery, S. L.
Atchison, B. F.
Allison, Young E.

### B.

Buchanan, Rowan.
Bacon, Byron.
Bullitt, Thos. W.
Bruce, H. W.
Blancagneil, W. N.
Boyce, J. P., D.D.
Broadus, Rev. J. A., D.D.
Byers, W. H.
Bowles, J. W.
Buchanan, A.
Bachus, L. A.
Boyd, Jas. A.
Brockenbrough, C.
Beattie, Jas. A.
Brown, G. G.
Barnum, Dr. J. P.
Bullitt, A. A.
Baber, Geo.
Beattie, J. W.
Brandeis, Dr. S.
Barrett, J. J.
Bockee, J. S.
Bartholomew, Prof. Wm.
Beddo, H.
Bangs, J. B.
Brennan, Thos.
Barkhouse, L.
Bayless, Benj.
Barkhouse, J.
Butler, J. C.
Brewer, Wm. F.
Brandeis, A.
Barbee, J.
Belknap, W. R.
Boyer, A. Z.
Ballard, S. Thruston.
Bodley, Pearce.
Baker, F.
Ballard, C. T.
Bowen, E. H.
Beckurts, H.
Bridges, W. G.
Bartley, W. F.
Bohne, E. C.
Bamberger, J.
Barr, J. W.
Blackeny, J. H.
Brinly, T. E. C.
Bennett, C. F.
Birdsey, N. D.
Boyd, A. M.
Boyd, Robert.
Brusen, B. A.
Belknap, M. L.
Bailey, Dr. Wm.
Bolling, Dr. Wm. H.
Baker, Alpheus.
Booker, W. T.
Babbitt, J. F., jr.
Brown, Jas. L.

### C.

Coomes, Dr. M. F.
Carley, F. D.
Castleman, J. B.
Caldwell, W. S.
Caron, C. K.
Caruth, A. G.
Cross, W. O.
Cox, W. T.
Chess, W. E.
Caldwell, Junius.
Courtenay, T. A.
Collins, Lewis.
Cornwall, Wm., sr.
Clarke, P. N.
Cromey, W.
Crutcher, E. R.
Castleman, S.
Campbell, P. S.
Caldwell, J. G.
Cochran, G. H.
Carter, John A.
Coleman, R. T.
Crump, F. A.
Creel, B. M.
Canine, Dr. J. F.
Culp, J. M.
Carpenter, Jas. S.
Caye, S., jr.
Crawford, L. G.
Cornwall, W., jr.
Craft, H. A.

Cawein, W. C.
Cooper, J. T.
Cochran, A. P
Curd, Jas. P.
Caye, Wm.
Crecelius, J. T.
Cressy, George.
Cook, Lyttleton.
Craik, Rev. C. E., D.D.
Cook, J. W.

**D.**

DuPont, B.
Dulaney, W. H.
Davie, Geo. M.
Dudley, Rt. Rev. T. U.
Durrett, Dr. W. T.
Dupuy, J. R.
Downs, G. F.
Dumesnil, H. A.
Duncan, W. J.
Doll, Edw.
DeFuniak, F.
Danforth, J. L.
Davis, H. W.
Dunn, J. H.
Davis, J. W.
Davis, W. A.
Davis, Dr. Vincent,
Dunn, Dr. C. E.
Dovey, J. S.
Dennis, W. W.
Dillingham, W. H.
Dolfinger, F.
Dake, Dr. C.
Danforth, G. L.
Dow, A. G., jr.
Dorn, C. Henry,
Douglass, A.
Dey, L. M.
Davidson, L. T.
Davis, R. C.

**E.**

Escott, J. V.
Elwang, A. J.
Eaton, Rev. T. T.
Ewell, R. N.
Edwards, I. W.
Eckel, Henry.
Edwards, Dr. C. G.
English, Duval.
Eaton, Prof. H. W.
Evarts, U. B.
Eakins, Joseph.

**F.**

Fontaine, W. W.
Faulds, D. P.
Flexner, J. A.
Field, H. P.
Fowler, J. W.
Frankel, N. A.
Fust, C. H.
Fonda, S. Van R.
Fleming, W. B.
Fritschner, G.
Field, Emmett.
Ferguson, Dr. R. Maupin.

**G.**

Grant, Dr. E. A.
Grant, W. T.
Grant, Dr. T. P.
Gains, J. T.
Gill, Jos.
Gifford, H. N.
Griswold, A.
Gilbert, J. C.
Gray, J. S.
Garrett, J. L.
Gibbs, E. N.
Griswold, H. M.
Graham, C. A.
Goodman, Dr. John.
Gibson, C. H.
Gray, H. W.
Grinstead, W. E.
Green, Warren.
Goddard, E. A.
Goldsmith, Chas.
Gardner, A. H.
Griffiths, Dr. W. P.
Gray, B. W.
Gathright, J. B.
Givens, J. G.

**H.**

Hunter, H. W.
Hauser, W. A.
Hughes, J. C.
Harlan, James.
Harbison, Geo.
Hull, G. H.
Holland, Dr. J. W.
Huddart, J. F.
Henry, J. F.
Hayward, H. H.
Hewitt, D.
Hegan, S.

Hall, Edwin G.
Henle, S.
Howe, R. C.
Hewitt, Dr. R. C.
Hemingray, J. C.
Hayes, J. J.
Hermany, C.
Hunter, W. T.
Hooper, Dr. J.
Helm, T. P.
Hallenbery, D.
Hamlin, J. M.
Hill, C. T.
Haggin, A. A.
Haldeman, W. B.
Holman, A. W.
Hill, J. H.
Haldeman, Bruce.

**I.**

Iring, H.
Irving, A. D.

**J.**

Joseph, Laf.
Jackson, Alex.
Jackson, W. L., jr.
Johnston, R. A.
Johnson, W. R.
Johnson, W. C.
Jackson, W. L., sr.
Jordon, W. T.
Judge, Phil.
Jefferson, T. L.
Jefferson, T. L., jr.
Jefferson, H. T.
Justi, Herman.
Jackson, C.

**K.**

King, J. C.
Kelly, W. C.
Kohnhorst, H.
Kohlhepp, W.
Klauber, E.
Klein, Dr. J.
Kirker, Jabez.
Kohn, Aaron.
Kuhbauch, Jno.
Krieger, Jacob,
Kaye, W.
Knapp, Jas. R.
Kosiol, Louis.
Keith, S.
Kelly, R. M.

**L.**

Long, Dennis.
Lemon, Jas. K.
LeGrande, W. W.
Lithgow, Jas. S.
Leathers, J. H.
Leib, Fred.
Logan, Emmet G.
Lang, S. C.
Little, W. N.
Lewis, M. W.
Langham, A. G.
Long, J. S.
Lindenberger, J. H.
Lindsay, Thos. N.
Lewis, F. N.
Long, J. L.
Leonard, L.
Leber, F. C.
Long, Chas. R.
Leib, Louis.
Leib, Wm.
Lewers, W. J.
Larrabee, Dr. J. A.
Lyman, Jas. L.
Lane, D. M.

**M.**

Morton, Dr. D.
Melone, J. H.
Moore, Geo. S.
Morris, G. W.
Moeller, Prof. H. R. M.
Manly, Rev. B., D.D.
Mulliken, Geo.
Monroe, Dr. Geo. J.
Marks, B. D.
Mason, D. K.
Morris, Marshall.
Meredith, R. W.
Miles, A. D.
Meriwether, W. A.
Moore, Frank.
Morrill, J. W.
Menefee, R. J.
Mueller, O.
Macauley, J. T.
Murphy, D. X.
Mattingly, B. D.
Mantle, H. C.
Matthews, Dr. J. M.
Marchand, F. J.
Miller, Howard.
Meddis, S. S.
Munn, A. G.

Maginnis, E. A.
Meriwether, W. H.
Miller, J. Z.
Martin, T. L.
Moody, G. E.
Milton, M. S.
Mitchell, H. R.
Moses, Dr. A.
Montandon, A.
Marshall, W.
Melcher, R. B.
Melton, C. C.
Marble, D. L.
Miller, Silas F.
Murrell, H. C.
Mitchell, Jno.
Morris, J. H. M.
Maury, Mason.
Minary, Thos. J.
Miller, S. A.

**Mc.**

McKnight, W. H.
McLeod, J.
McDonald, E. W.
McMurtry, Dr. L. S.
McDonald, H.
McGonigale, W. J.
McKnight, M.
Macrae, W. S.
McGoodwin, J. H.
McCready, G. W.
McSorley, J. D.
McGrain, Jas.
McCraw, J. W.
McDermott, E. J.
McClintock, T.
McCarty, W. N.
McConathy, W. J.

**N.**

Norman, S.
Neuner, A.
Newman, G. A.
Nahm, B.

**O.**

Octerlony, Dr. J. A.
O'Hara, W. H.
O'Neal, M. A.
O'Dougherty, M.

**P.**

Phelps, J. S.
Pope, Hamilton.
Pirtle, James S.
Parks, L. S.
Pottinger, T. J.
Pfingst, P. C.
Pirtle, J. B.
Priest, W. C.
Pettet, Chas. A.
Peter, Arthur.
Peter, M. Cary.
Pope, F. H.
Perrin, F. E.
Pusey, Dr. H. K.
Porter, Dr. R.
Pooley, W. C.
Pratt, E. A.
Pearson, L. D.
Pritchard, Rev. T., D.D.

**R.**

Reynolds, Dr. Dudley S.
Royall, Thos.
Rankin, Thos.
Rankin, Robt.
Redman, Dr. W. G.
Rankin, W. T.
Rosenham, C. J.
Rubel, W. F.
Rolph, W. T.
Robinson, R. A.
Robinson, W. A.
Rassinier, A.
Rosenberg, W.
Ritcher, W. W.
Rubel, J. L.
Richards, A. E.
Richardson, L.
Read, J. B.
Ryland, A.
Reese, H. W.
Roe, C. C.
Rosenthal, A.
Rodman, W.
Rogers, N. S.
Robinson, Jas. A.
Robinson, W.

**S.**

Shipp, Bernard.
Scott, Dr. P. B.
Swearingen, G. W.
Sherley, D.
Scott, Prof. S. T.
Smith, C. H.
Speed, S., jr.

Smyser, J. L.
Selliger, Max.
Stites, John.
Sachs, D. A.
Seymour, C. B.
Snyder, S. O.
Schmidt, A. L.
Shulhafer, S.
Speed, Jas. B.
Simrall, J. G.
Stucky, H. C.
Schulthess, Chas.
Schwartz, Theo., sr.
Slaughter, W. H.
Speed, T. A.
Small, Isaac.
Schwabacher, H.
Strater, C. G.
Stone, F. D.
Sullivan, T. M.
Snead, C. S.
Shallcross, J. W.
Smith, W. W.
Shryock, A. L.
Stark, D. E.
Semple, A. C.
Sperry, D. B.
Schwartz, T., jr.
Springer, Wm.
Semple, Wm.
Sargent, C. H.
Salisbury, Prof. F. T.
Strouse, J. C.
Sutcliffe, J. E.
Stark, Thos. H.
Smith, Geo. L.
Sues, J.
Schrader, C. C.
Sinton, Wm.
Smith, D. Howard.
Stucky, Dr. T. H.

**T.**

Trabue, E. F.
Taylor, Geo.
Tevis, R. C.
Tracy, Thos.
Trabue, S. F. J., jr.
Taylor, Gen. Thos. H.
Tippett, E. B.
Thomas, W. H.
Tilden, Chas.
Theobald, G. P.
Tingley, Geo. H.
Toney, S. B.
Tyler, W. C.
Tuley, E. S.
Tilford, R. J.
Tilford, H. J.
Timberlake, T. C.
Tompkins, S. D.
Thum, C. F.
Tschiffely, Rev. L. P.
Thomas, Pack.
Thomson, R. H.
Tracy, Howard.

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Underwood, E.

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Von Borries, F.
Verhoeff, H.
Vaughn, T. W.
Vissman, H.

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Wilson, Dr. F. C.
Wood, W. F.
Woolfolk, R. H.
Wicks, G. W.
Wulkop, Fred.
Witherspoon, H. A.
Weller, Jacob.
Warren, Cary I.
Wolf, Henry H.
Wolf, Geo.
Winter, Julius.
Woodson, I. T.
Woody, Dr. S. E.
Williams, J. T.
Wheeler, A. A.
Wyatt, W.
Watterson, Henry.
Warren, Edw.
Wrampelmeier, J. W.
Walbeck, H. C.
Willis, A. S.
Weller, W. L.
Williams, J. H.
Warfield, B. D.
Walker, Walter.
Weller, J. H.
Walton, Geo.
Wurach, J. B.
Williams, Dr. J. T.
Walsh, C.

Wood, Thos. J.
Wright, W. L.
Winchester, Boyd.
Willson, A. E.
Webb, C. K.
Williams, D. J.

**Y.**

Young, C. H.
Yandell, Dr. L. P.

**Z.**

Zapp, Louis.

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Beckley, Mrs. J. W.
Bloom, Max.
Bowser, Mrs. J. W.
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Bonnycastle, Miss A.
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Courtenay, Miss N. M.
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Conen, A. J.
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Wilder, Mrs. Graham.

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